

Restore



DNR 2a-RS (USFWS easement): Restore, DNR, (Section 1, Flowing Township)

Aggregate Potential:

Slight to none, shallow deposit of low quality material

Prairie Habitat Assessment:

Most of the area is disturbed except for areas of wet prairie and a small portion of shrub swamp on the north border. Leafy spurge, Canada thistle, and woody species have invaded the site and need to be controlled.

Fen Impacts:

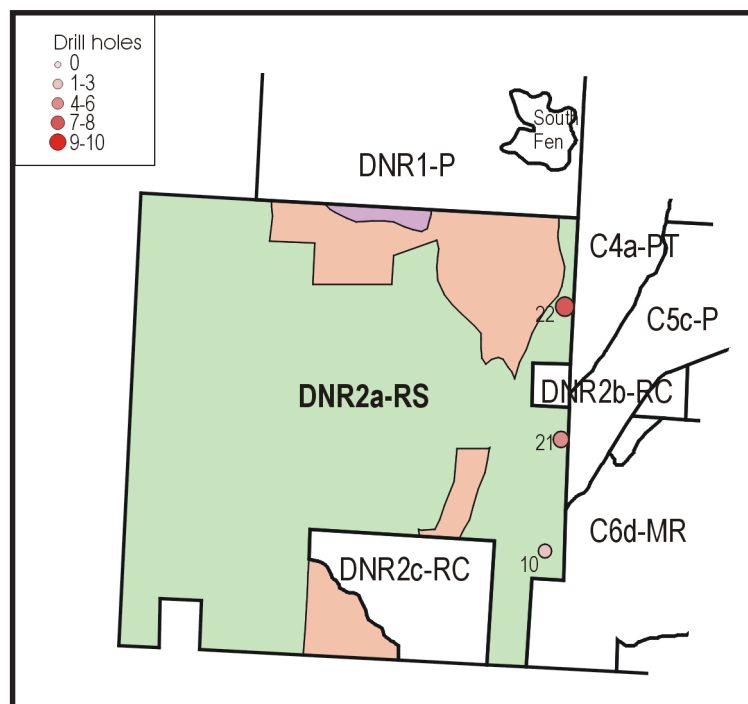
None known.

Drillhole Statistics

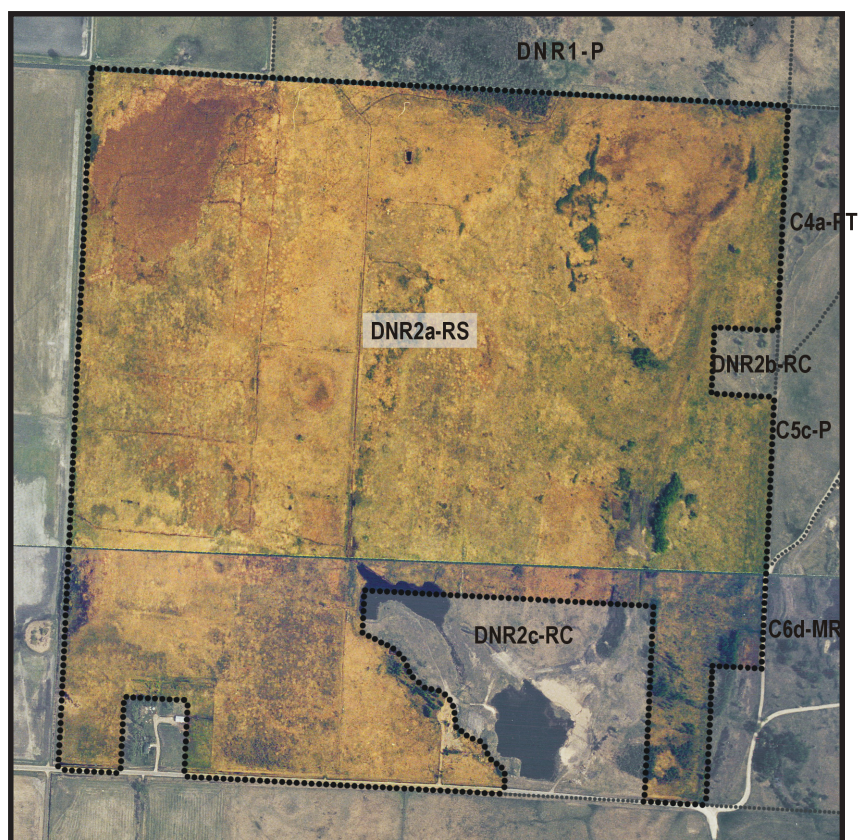
Drillhole	Gravel Thickness	Gravel Above Fen	Aggregate Ratio	Quality
10	9	NA	1.29	2.0
21	16	NA	16.00	5.0
22	11	NA	5.50	7.0

Area Statistics

	Landtype	Acres
	Agricultural Land, Grasslands	459.52
	Shrub Swamp Seepage Subtype	5.17
	Wet Prairie (Northwest)	99.49
	<i>Total</i>	564.18



Drillhole symbols are scaled and colored to represent the committee's estimate of the deposit quality. Quality increases with circle size and saturation.



Recommendations:

Prairie should be reconstructed in this area as soon as possible and will require mowing 2-3 times annually for the first 3 years. Burning may be necessary for seedbed preparation. The adapted community transitions from dry-mesic prairie on the east boundary to wet prairie or marsh on the west. Once established it could serve as a corridor to dry and mesic prairie to the south.

Habitat Management:

After establishment, maintain prairie by mowing or prescribed burning.

Cut/girdle undesirable woody species.

Control leafy spurge and Canada thistle with biological or chemical means.